

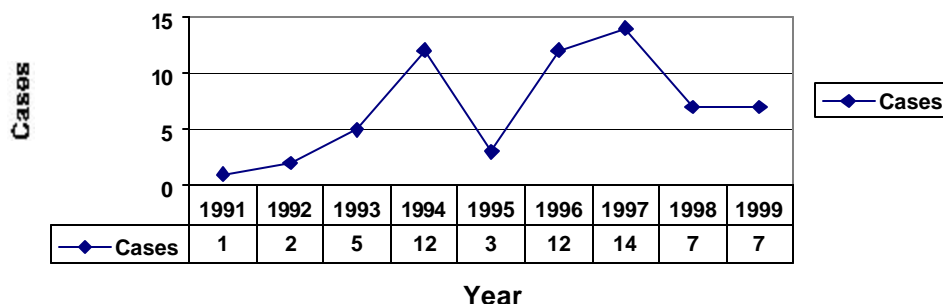
MALARIA

Malaria is a parasitic infection of red blood cells caused by *Plasmodium species*. The disease is vectorborne and is transmitted to humans by the bites of the infected female *Anopheles* mosquitoes. Malaria is characterized by cycles of chills, fever, headache, and sweating. Depending upon the species, acute illness may develop into a variety of syndromes with severe complications including coma and death. Malaria also may be transmitted transplacentally. The disease may recur over a period of 50 years.

Laboratory Criteria for Confirmation:

- Demonstration of malaria parasites in blood films.

**Malaria Cases, Kentucky
1991-1999**



	1998	1999
Number of Cases	7	7
Cases by Gender		
Female	1	1
Male	6	6

None of the cases in **1998** were indigenous to Kentucky. The youngest, 9 years old, and 3 others, ages 23, 35, and 69, reported foreign travel. The remaining 3 cases were on the military bases, Fort Knox and Fort Campbell.

Likewise in **1999**, 5 cases were reported from Fort Campbell soldiers, 1 case in a Guam citizen, and 1 case in a missionary who returned from Africa.